ERNATIONAL SEARCH REPORT

tional Application No PCT/EP2004/050421

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F16H7/02 F16H13/02 F01P5/12 F02B67/04 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) F16H F02B F01P IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1-6,21, E WO 2004/048808 A (WIMMER RUDOLF; FOESSL PETER (AT); WIESER PHILIPP (AT); BAYERISCHE MOT) 10 June 2004 (2004-06-10) figures WO 2004/048809 A (WIMMER RUDOLF; FOESSL 1,2 Ε PETER (AT); WIESER PHILIPP (AT); BAYERISCHE MOT) 10 June 2004 (2004-06-10) figures DE 39 34 884. A (BAYERISCHE MOTOREN WERKE 1 A AG) 25 April 1991 (1991-04-25) figures 1 DE 199 14 440 A (VOLKSWAGENWERK AG) A 5 October 2000 (2000-10-05) abstract Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the cet. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 06/08/2004 30 July 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Goeman, F

Fax: (+31-70) 340-3016

INTERNATIONAL SEARCH REPORT

Intertional Application No
PCT/EP2004/050421

		PCT/EP2004/050421			
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages		elevant to claim No.		
A	US 1 591 978 A (THOMAS DAVIS BENJAMIN ET AL) 13 July 1926 (1926-07-13) figures		1		
A	US 2 823 546 A (HENRY BARRETT WALTER WILLIAM) 18 February 1958 (1958-02-18) figures		1		
A	DE 354 907 C (ROBERT WOERNER) 16 June 1922 (1922-06-16) the whole document		1		
A	US 1 289 818 A (KURJIAN) 31 December 1918 (1918-12-31) figures		1 ,		
Α	US 1 416 569 A (MINNICH DELBERT W) 16 May 1922 (1922-05-16) figures		1		
			!		
		•			
			1		

IN FRNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/EP2004/050421

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO; 2004048808	Α	10-06-2004	DE WO	10255075 A 2004048808 A		03-06-2004 10-06-2004
WO 2004048809	Α	10-06-2004	DE WO	10255073 A 2004048809 A		03-06-2004 10-06-2004
DE 3934884	Α	25-04-1991	DE	3934884 <i>F</i>	A1	25-04-1991
DE 19914440	Α	05-10-2000	DE WO	19914440 <i>F</i> 0060240 <i>F</i>		05-10-2000 12-10-2000
US 1591978	Α	13-07-1926	NONE	- <u> </u>		
US 2823546	A	18-02-1958	NONE			
DE 354907	С	16-06-1922	NONE			
US 1289818	Α		NONE			
US 1416569	 А	16-05-1922	NONE			